

The Commonwealth of Massachusetts

ANNUAL REPORT

OF THE

TRUSTEES

OF THE

TAUNTON STATE HOSPITAL

FOR THE

YEAR ENDING NOVEMBER 30, 1931

DEPARTMENT OF MENTAL DISEASES



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JUL 6 1932
TAUNTON STATE HOSPITAL

STATE HOUSE BOSTON
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TRUSTEES' REPORT

To His Excellency, the Governor, and the Honorable Council:

The Trustees of the Taunton State Hospital present herewith, their seventh annual report together with Superintendent's report, financial report, statistical tables

The personnel of our Board has remained the same. Arthur B. Reed of North Abington and Mrs. Elizabeth C. M. Gifford of Cambridge were re-elected to their respective offices of Chairman and Secretary. All the meetings of the Board, regular and special, have been well attended, those present at each meeting ways exceeding the number required to constitute a quorum. Regular inspections have been made by committees appointed by the Chairman and a number of additional visits have been made by individual members.

The past year has been one of very definite progress and we believe that the hospital is in very much better condition at the present time than it was at the beginning of the year. We have been able to continue our 10-year program out 5 years ago and now can report that the service section of the main hospital is complete and in operation. The patients' new cafeteria which was opened in the early part of this year, makes this report possible. We are all satisfied that it has been proven to be practical in every way, and that the quality of the food served to both patients and employees has been greatly improved. The cafeteria system of feeding makes possible a choice of foods, eliminates overcrowding, does away with a definite meal hour, consequently, one may enter the dining room at any time, select his food, eat it as he sees fit, and leave without being disturbed by any

addition, there is no question but what it is one of the most if not the most economical method of feeding.

ement sidewalks and roads have been built in the vicinity of the buildings using the service section and the landscaping in that area is very nearly completed. All of this has added much to the beauty of the rear center and it would n that our ambition to have the back door look as well as the front, is soon to realized.

Two new boilers and a new smoke stack are being installed at the present time. s is an improvement that has been badly needed for a number of years and we hoping that it is the beginning of a program which will result in completing very necessary renovation of the engineer's department.

Automatic sprinklers are being installed in the entire male division and fortun- y, we still have sufficient funds from the appropriation made for that purpose complete at least two other buildings. When this work is finished, our sprinkler gram will be more than half completed. We sincerely hope that sufficient funds be made available in the coming year to make its completion possible as fire ection is without question, one of our greatest problems. In this connection, might mention that the program of replacing wooden floors with fireproof ones continued and male ward 7 was completed this year.

uch progress has been made in the replacement of old roads and sidewalks with ern cement construction and our shade trees have been greatly improved by removal of dead wood.

Our wards still continue to be very much overcrowded, and it is hoped that this dition will be relieved in the immediate future by the construction of the new ddings outlined in our original 10-year program. These plans include a reception dding, hospital building, male and female infirmaries and a building where con- ued treatment cases can be given active psychiatric treatment when necessary. s group, when completed, will result in the removal from the main hospital, of cases in need of special treatment and would insure greater safety in that they d all be housed in fireproof buildings. We fully realize that all of this cannot accomplished in any one year, but we believe that a start should be made and t the appropriation for the coming year should include an item either for a eption building, a hospital building or both.

The following special appropriations have been requested for the coming year:

Fire Protection	\$15,000
Reception Buildings	400,000
Root Cellar	7,500
Officers' Cottages	11,500
Employees' Garage	4,000
The purchase of certain land in the town of Raynham	200
Renovation and modernization of dairy, cow barn, etc., at Raynham Colony as suggested by Mr. E. H. Forristall, Farm Supervisor	Undetermined
Bay Street project	Undetermined
Furnishing of two officers cottages	4,000

The hospital has been visited and inspected at frequent intervals, by George M. e, M.D., Commissioner of the Department of Mental Diseases and his assis-

to the different State Departments, including the Department of Mental es, to the Superintendent and Employees of the hospital and to all others ave cooperated with us, we wish to express our sincere appreciation of their support and of the confidence and encouragement shown in the conduct of nstitution.

ARTHUR B. REED, <i>Chairman</i>	ELIZABETH C. M. GIFFORD, <i>Secretary</i>
JULIUS BERKOWITZ	CHARLES C. CAIN, JR.
MARY B. BESSE	SAMUEL M. STONE

ASA A. MILLS

Trustees.

SUPERINTENDENT'S REPORT

To the Trustees of the Taunton State Hospital:

The seventy-eighth annual report of the Superintendent of the Taunton State Hospital, for the fiscal year ending November 30, 1931, is respectfully submitted for your consideration.

The statistical tables relative to patients, cover the period beginning October 1930, and ending September 30, 1931.

MOVEMENT OF POPULATION

On September 30, 1930, the hospital census was as follows: In the hospital, 844 men and 770 women, a total of 1,528. On parole and otherwise absent, 86 men and 121 women, a total of 207, making a grand total of 1,735 including 844 men and 891 women on the books of the hospital. During the year ending September 30, 1931, 561 patients were received. Of this number, 219 men and 202 women, a total of 421, were classed as first admissions, 61 men and 66 women, a total of 127, came as re-admissions and 6 men and 7 women a total of 13, were transferred from other hospitals for mental diseases.

Patients, 572 in number, including 297 men and 275 women, were discharged during the same period. Of this number, 150 men and 145 women, a total of 295, were returned to the community, 107 men and 89 women, a total of 196 died during the year, 40 men and 41 women, a total of 81, were transferred to other institutions.

The census on September 30, 1931, was as follows: In the hospital, 747 men and 774 women, a total of 1,521. On parole and otherwise absent, 86 men and 100 women, a total of 186, making a grand total of 1,724, including 833 men and 891 women on the books of the hospital. The total number of cases under treatment during the year was 2,296 (1,130 men and 1,166 women).

Of the 421 first admissions, only 345 were actually committed to the hospital, the remaining 76 being under temporary care. Of the 127 re-admissions, only 110 were committed there being 9 voluntary and 18 under temporary care.

FIRST ADMISSIONS

Nativity. Of the 345 committed first admissions, 100 men and 99 women, a total of 199 were born in the United States and 69 men and 77 women, a total of 146 were born in other countries, the percentage of native-born being 58 and of foreign-born, 42.

Citizenship. Of the 345 committed first admissions, 199 or 58% were citizens by birth, 54 or 16% were citizens by naturalization, 75 or 21% were aliens and 17 or 5% were unascertained.

Mental Diagnosis. The different forms of mental disease shown by the committed first admissions were as follows: dementia praecox, 94 or 27.2%; psychosis with cerebral arteriosclerosis, 59 or 17.11%; senile psychosis, 4 or 1.16%; manic depressive psychosis, 28 or 8.12%; alcoholic psychosis, 21 or 6.09%; general paralysis, 18 or 5.22%; involution melancholia, 18 or 5.22%; paranoia and paranoid conditions, 18 or 5.22%; psychosis with other somatic diseases, 10 or 2.90%; or 4.07%; psychosis with mental deficiency, 10 or 2.90%; psychosis with organic brain or nervous diseases, 4 or 1.14%; psychoneuroses and neuroses, 2 or .58%; epileptic psychoses, 4 or 1.13%; traumatic psychoses, 2 or .58%; psychosis with cerebral syphilis, 2 or .58%; undiagnosed psychoses, 1 or .29%; psychoses with psychopathic personality, 1 or .29%; without psychosis, 1 or .29%; psychosis with pellagra, 1 or .29%; psychosis with brain tumor, 1 or .29%; psychosis with drugs or other exogenous toxins, 1 or .29%.

For further information concerning psychoses of first admissions, see statistical tables.

Age. Of the 345 committed first admissions, 110 or 31.88% were over 60 years of age, 121 or 35.07% were between 40 and 60, the involution period, 93 or 26.96% were between 20 and 40 and 21 or 6.09% were under 20.

Education. Of the 345 committed first admissions, 37 or 10.72% were illiterate, 39 or 11.30% could read and write; 205 or 59.42% had a common school education, 39 or 11.30% had a high school education; 11 or 3.20% a college education and 14 or 4.06% were unascertained.

environment. Of the 345 committed first admissions, 314 or 91.01% were classed urban and 31 or 8.99% were rural.

RE-ADMISSIONS

Of the 100 patients re-admitted, the diagnoses were as follows: dementia praecox, 38 or 38%; manic depressive, 27 or 27%; psychosis with cerebral arteriosclerosis, 10 or 10%; involution melancholia, 4 or 4%; psychosis with mental deficiency, 4 or 4%; alcoholic psychosis, 4 or 4%; general paralysis, 3 or 3%; senile psychosis, 2 or 2%; epileptic psychosis, 2 or 2%; paranoia and paranoid conditions, 2 or 2%; diagnosed psychoses, 1 or 1%; psychosis with other somatic diseases, 1 or 1%; choreoses and neuroses, 1 or 1%; psychosis with psychopathic personality, 1 or 1%.

DISCHARGES

Two hundred and eight (208) of the 295 patients discharged were committed to the hospital. The remaining 87 were under temporary care and voluntary. The condition of the 208 discharged during the year was as follows: recovered, 61 or 29.32%; improved, 133 or 63.94%; unimproved, 13 or 6.25%; without psychosis, 49 or 23.49%.

DEATHS

The death rate for the year figured on the total number under treatment was 1.4%. One hundred eighty-three of the 196 patients dying during the year were committed. The remaining 13 were under temporary care. The causes of death were as follows: bronchopneumonia, 44 or 24.04%; endocarditis and myocarditis, 42 or 22.95%; general paralysis of the insane, 20 or 10.92%; arteriosclerosis, 17 or 9.19%; tuberculosis of the respiratory system, 11 or 6.01%; other general diseases, 10 or 4.37%; accidental traumatism, 5 or 2.73%; cancer and other malignant tumors, 4 or 2.19%; nephritis, 4 or 2.19%; lobar pneumonia, 3 or 1.63%; cerebral hemorrhage apoplexy, 3 or 1.63%; other diseases of the circulatory system, 3 or 1.63%; other diseases of skin and annexa, 2 or 1.09%; purulent infection, septicemia, 2 or 1.09%; tumor (non-cancerous), 2 or 1.09%; pericarditis, 1 or .55%; diseases of the pharynx and tonsils, 1 or .55%; diarrhea and enteritis, 1 or .55%; diseases of the digestive system (cancer and tuberculosis excepted), 1 or .55%; diseases of kidneys and annexa, 1 or .55%; diseases of prostate, 1 or .55%; syphilis (non-nervous forms), 1 or .55%; pellagra, 1 or .55%; alcoholism, 1 or .55%; epilepsy, 1 or .55%; other diseases of the nervous system, 1 or .55%; other external causes, 1 or .55%. Of those who died, 118 or 64.48% were over 60, 51 or 27.87% were from 40 to 60, 13 or 7.10% were from 20 to 40 and 1 or .55% was under 20. Our records show that at the close of the year there were 29 ex-service men in hospital.

MEDICAL SERVICE

The standard of the work done by our Medical Staff has increased over that of the past years. We have been fortunate in securing the services of a competent pathologist to direct the work of the clinical and pathological laboratories as well as the research work. The duties of our visiting staff are constantly increasing and the work carried on by them has been eminently satisfactory. Dr. Richard MacKnight has continued the cooperative spirit which he has now extended for so many years and has responded promptly to all our calls for advice in all communicable diseases. Dr. Joseph E. Barrett, who has been assistant superintendent for the past three years, was promoted to the position of assistant commissioner and assumed the duties of his position in the office of the commissioner early in September. During the year, 11 medical students have spent periods of from one to three months in the hospital as a part of their education. Every opportunity is extended to the young men to familiarize themselves with the workings of a mental hospital and it is believed that this practice will end in materially broadening their field of

vision in this line of endeavor. This arrangement has been made possible through the cooperation of Dr. A. Warren Stearns, Dean of Tufts College Medical School and Dr. George M. Kline, Commissioner of the Department of Mental Diseases.

Numerous lectures have been given by all the members of the medical staff in connection with the training school for nurses, affiliate nurses and attendants. Many lectures before clubs, societies, etc., have been delivered by the Superintendent and other members of the staff.

Dr. Harold W. Williams was appointed to the vacancy which had existed for several months in the laboratory. Dr. Herve Gibeault completed his residence and returned to Canada, and Dr. Harold J. Tosney was appointed to fill his vacancy. Dr. Ronald B. McIntosh resigned on May 27, 1931, to take an appointment as a Fellow in the Child Guidance work under the supervision of the National Committee for Mental Hygiene. His position was filled by Dr. Robert M. Bell. Louisa E. Boutelle resigned to go to the State Hospital at Concord, N. H., and was succeeded by Dr. Bernard Yood.

We have continued to use fever therapy as a method of treatment in selected cases of general paralysis. All of the various methods of raising the temperature except diathermy have been given a trial and we still believe that malaria is one of selection. Only early cases occurring in otherwise healthy individuals are inoculated; this precaution has, we believe, served to remove practically all the dangers which have been reported in literature and to increase the benefit derived. Our results have been uniformly good, some cases having made what appears to be a complete clinical recovery and a very large number are enjoying remissions and for the time being, are entirely free from symptoms with the exception of certain evidences of mental deterioration. The cases not selected for malaria treatment are given either arsphenamine, bismuth, mercury or potassium iodide. All syphilitics receive treatment throughout their stay in the hospital.

The following work was accomplished in the operating and dressing rooms during the year:

Operations:

Hysterectomy	1	Dilatation and curettage	
Herniotomies	5	Tonsillectomies and adenoidec-	
Ovarion cyst	1	tomies	
Appendectomy	1	Casts and splints applied	
Exploratory laparotomies	2	Carbuncles and boils incised	
Leg amputation	1	Sutures	
Suspension of uterus	1	Tooth extractions	
Total			

Miscellaneous:

Inoculations	386	Obstetrical cases	
Vaccinations	374	Venal punctures	
Gynecological examinations	207	Spinal punctures	
Dressings	6,080		

SOCIAL SERVICE

The work of the Social Service Department has gone on industriously and eventfully during the past year. There has been no change in the regular personnel; the two students who were with us last year, left in September for paid positions in other State Hospitals; there have been added two volunteer workers, one from Pembroke and one from Wheaton.

The number of histories taken shows an increase over the number of the previous year and our supervision visits have also increased. We are glad that we have been able to take a few steps toward our goal of more intensive case work. The supervision of the patients on trial visit, the history taking and investigation, the work done in connection with the psychiatrist in school and community clinics comprise the principal work of the department.

The workers have attended monthly conferences at the State House where problems common to all of the social workers of the Department of Mental Diseases are discussed. The head worker has attended other conferences on matters rela-

the supervision of students and the standardization of the work in the different hospitals. She also was present at the Annual Convention of Massachusetts Social Workers. Monthly meetings of the Round Table for Psychiatric Social Workers with its case discussions and lectures on different aspects of the work have proved instructive and stimulating. Three of the department are now taking a course in psychoanalysis under the auspices of this association. Other lectures bearing on social work and its allied subjects have also been attended.

A summary of the work accomplished follows:

SOCIAL SERVICE STATISTICS

December 1, 1930 to November 30, 1931

NUMERICAL SUMMARY OF CASES:

	HOSPITAL CASES				COMMUNITY CASES				TOTALS		
	House Patients		Out Patients		Clinic Cases		Others				
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	T.
New Cases	332	294	112	132	97	77	255*	109	854	612	1,466
							58**				
Renewed cases from previous year	—	—	—	—	—	—	—	—	—	—	—
Renewed cases within the year	—	—	—	—	—	—	—	—	—	—	—
Continued cases from previous year	139	122	81	118	70	95	—	—	290	335	625
Cases closed during year	308	267	108	150	77	73	313	109	806	599	1,405
Cases continued to following year	163	149	85	100	90	99	—	—	338	348	686

*School

**Court

SOURCES OF NEW CASES:

Number cases referred by physicians, 859; by community agencies, 174 plus 364 school clinic cases; plus 58 court cases.

ANALYSIS OF WORK:

1. Purposes for which cases were referred:

- Histories of Patients — taken at hospital, 425; taken outside hospital, 262.
- Investigations — conduct disorders, 49; employment situations, 9; home conditions, 58; statements of patients, 88; statements of others, 104.
- Supervision — in home, 426; in industry, 23; in community, 36.
- Care of patients' families, 21.
- Personal services, 229.
- Placement, 18.

2. Problems:

- Disease — mental, 425; physical, 47.
- Sex problems — prostitution, 1; wayward tendencies, 4.
- Environment — financial difficulties, 96; employment difficulties, 74; unsuitable surroundings, 11; friction — family, 38; others, 19.
- Personality problems — temperament, 47; anti-social habits, 41; vacillating interest, 8.
- Educational problems — readjustment habits of mind, 68; recreation, church, social relationships, 69.
- Legal problems — resulting from conduct of patient, 1.

SERVICE RENDERED:

1. Medical:

Contribution of information *re*: medical history, 681; home conditions, 457; condition of out-patients, 421.

2. Social:

Adjustments for patients — personal relations, 11.

Advice — to relatives, 249; to patients, 312; to others, 62.

Connecting with agencies, 348; with individuals, 1,806.

Family assistance — miscellaneous, 3.

Personal services: 132. Number Psychological tests to hospital patients, 49; Number Psychological tests to prisoners, 53.

V. SUPERVISION WORK:

1. Number patients on visit last day previous year, 199; discharged from visit during year, 164. Visits — to patients on ward, 236; to patients on visit, 392; to relatives or friends, 230; to social agencies, 145; others, 37.
2. Family care patients —
Number patients visited, 12; number patients placed, 2; number patients discharged, 1; Christmas boxes sent, 4.

VI. CLINIC WORK:

1. Hospital clinics — number interviews with patients, 532; patients attending community clinics, number interviews with relatives, 254.
2. School clinics — number attended, 56; number psychological tests, 3; miscellaneous work, arrangements for 17 clinics, 22 school tests — instructions to 3 teachers and 3 nurses.
3. Community clinics — number attended, 141; interviews with patients, 287; interviews with others, 319.

VII. MISCELLANEOUS:

1. Amount of expense account — school or community clinic work, \$124; hospital work, \$464.93.
2. Account of time — number days in hospital, 640; days outside hospital, 706½; days spent in school clinic work, 57; days spent in community clinic work, 188.

SPECIAL FEATURES:

LECTURES —

8 Nurses Training School; 1 Vocational Study Group of Westport; 2 Psychological analysis (Dr. Franz Alexander); 3 Meetings of Mental Hygiene Society.

CONFERENCES —

Daily hospital conferences; Monthly conferences at State House; Saturday morning conferences at State House for head workers; monthly conferences for supervisors of students; Monthly meetings of Round Table; Psychiatric Social Worker; Annual Convention of Massachusetts Social Workers.

OUT-PATIENT DEPARTMENT

Our mental clinics have continued to serve the community, and the limited space we have available for the work has been kept very busy. The work has covered a wide field and patients of all ages have been studied. Children were very definitely in preponderance however.

Diagnoses and recommendations have been made in all cases and in some cases it has been possible to institute treatment.

A law requiring that all juvenile delinquents be examined mentally and physically before being committed to a training school was passed by the Legislature last year. This work was allotted to the mental hospitals by the Department of Mental Diseases and is now being carried on either at our mental clinics or by our traveling clinic. As we can take care of only about so many cases it is feared that this will serve to exclude some who wish to get the services of the clinics in the regular way.

The School Clinic work has been carried on as in years past. We are now examining the children of all the cities and towns in our district with the exception of Boston city. Re-examinations are being asked for more frequently and the interest on the part of the school authorities seems to be increasing.

The following is a summary of the work done by these different clinics:

Mental Clinics

<i>Source of Cases</i>	<i>Number of Visits</i>
Children's Aid Society	60
School Department	37
Society for Prevention of Cruelty to Children	9
Private Physicians	20
Family Welfare Society	6
Catholic Welfare Bureau	6
Taunton State Hospital	521
Department of Public Health	14
Other Sources	144
Total	817

New Bedford

<i>Cases</i>	<i>Total Visits</i>
Male	25
Female	28
Total	53
Male	223
Female	231
Total	454

Fall River

<i>Cases</i>	<i>Total Visits</i>
Male	41
Female	24
Total	65
Male	138
Female	156
Total	294

Taunton

<i>Cases</i>	<i>Total Visits</i>
Male	30
Female	25
Total	55
Male	36
Female	29
Total	65

Attleboro

<i>Cases</i>	<i>Total Visits</i>
Male	1
Female	2
Total	3
Male	2
Female	2
Total	4

Male cases seen (new)	97
Female cases seen (new)	79
Total new cases seen	176

Male visits to clinic	399
Female visits to clinic	418
Total visits to clinic	817

— Of the above total, 44 were juvenile delinquents coming under the new law, and there were who were examined outside the out-patient clinics. Total of juvenile delinquents was 46.

School Clinics

Number of towns visited	22
Number of new cases examined	228
Number of cases re-examined	125
Number of complete cases	353

Number of incomplete cases	0
Number of cases recommended for institutional care	5
Number of cases recommended for special class	134
Number of cases advised to continue in grade	114
Other recommendations	100

DENTAL DEPARTMENT

The dental department emphasized two dental procedures this last year. attempt was made to make the routine examination and cleaning a semi-annual instead of an annual procedure. The time seemed at hand when more attention should be given the restorative work. With the teeth of our new admissions many times beyond reparation, many extractions are necessary. The number of edentulous mouths has grown unbelievably. To a certain extent both these endeavors have brought success, especially the restorative work, but either due to the enlarged number of new admissions or the miscalculation of its magnitude the examination and prophylactic work failed to realize the results hoped for during the first year of experimentation. With the amount of benefit evident from what was accomplished this past year, continuation of these practices seems advisable.

The work accomplished is as follows:

Bridgework removed	
Bridgework reset	
Davis crown set	
Cleaned and scaled	8
Examined and charted	1,000
Extractions	1,000
Amalgam fillings	2
Kryptex fillings	
Root canal fillings	
Temporary fillings	
Zinc oxide and eugenol	
Impression, bite, shade	
Teeth tried in	
Plates made	
Plates adjusted	
Plates repaired	
Plates cleaned	
Abcess lanced	
Formo-creosol	
Gums treated	
Howe's silver nitrate	
Post operative	
Root canal	
Tooth treated	
X-rays taken	
Patients with work completed	1,000
Number of visits	4,000
Number of operations	5,000
Average operation per patient	1
Number of extractions and fillings on new patients	541
Percentage of patients with work O. K.	85
Percentage of patients unable to receive attention	11
Percentage of patients with work to be done	2
Percentage of new admissions needing dental attention	41
Number of patients treated first time	1
Number of patients receiving dental attention other than extractions and cleaning	
Number of patients needing no dental attention on November 30	1
Number of patients wearing plates	
Number of sets of false teeth	

Number of patients needing no dental attention because of plates and no teeth	402
Number of patients wearing crown and bridgework	311
Number of bridges, crowns, pivots	634
Number of artificial appliances	1,103
Number of patients with no teeth	226
Number of patients needing false teeth	54
Number of plates needed	57
Average number of patients treated daily	16.83
Average number of operations per day	20.40
Number of days office open	262

X-RAY DEPARTMENT

This department has continued to do the work referred by the various doctors the staff in a satisfactory manner despite the fact that its equipment and location are quite unsatisfactory.

The following is a report for the current year, of the work done:

Femur, 1; shoulder, 13; ribs, 1; wrist 20; hip joint, 19; knee, 5; pelvis, 7; chest, 57; spine, 1; finger, 15; hand, 12; ankle, 10; foot, 9; elbow, 8; sinus, 2; U. V., 3; skull, 16; gastro-intestinal, 2; thumb, 4; foreign body, 1; forearm, 1; tibia, 5; humerus, 4; gall bladder, 2; heart, 2; abdomen, 1; pregnancy, 1; lower jaw, 3; barium enema, 3; coccyx, 1; upper jaw, 1; nose, 2; teeth, 9. Total, 395.

PHYSIOTHERAPY DEPARTMENT

This Department which is in charge of a physician and trained technician has functioned very actively and effectively. During the year, 93 patients were treated, 47 of these being men and 46 women. Out of this number 43 (including both men and women) were discontinued from treatment, with very good results. There were also 14 employees treated. In the male department, auto-condensation treatments have been given for hypertension cases, being started within the past half year with very good results. Other cases treated were: psoriasis, acne, tuberculosis, eczema, ulcers, carbuncles, rheumatism, fractures, abscesses, anemia, contractures and dislocations.

A detail of the work follows:

	Men		Women	
	Treat-ments	Hours	Treat-ments	Hours
Ultra Violet Ray	1,038	332 ½	1,624	343
Radiant Heat-Massage and Diathermy	182	73 ½	441	116
Auto Condensation	338	203	—	—
Total	1,558	619	2,065	459

Total of all treatments given — 3,623

Total of all hours — 1,078

HYDROTHERAPY

The hydrotherapy department has continued to increase its activities, now having trained hydrotherapists and 9 nurses devoting full time to hydrotherapeutic procedures. Continuous baths, packs, and tonic baths are in continuous use and beneficial results derived prove it to be one of the most valuable forms of treatment for our patients.

The following is a detail of the work accomplished in this department for the year

Tonic Baths

	Male	Female	Total
Salt glows	1,047	907	1,954
Hot and cold to spine	1,196	959	2,155
Foot baths as preparatory treatments	175	86	261
Electric light baths	234	41	275
Sitz baths	0	28	28
Swedish Shampoos	1,193	888	2,081
Hair Shampoos	1,171	695	1,866
Needle sprays	3,830	2,898	6,728
Fan douches	3,538	2,711	6,249
Rain douches	1,171	695	1,866

Continuous Baths

Number of Patients	224	303	527
Number of baths	3,725	5,313	9,038
Number of hours	34,983 $\frac{3}{4}$	57,147 $\frac{1}{2}$	92,131 $\frac{1}{4}$

Wet Sheet Packs

Number of patients	281	391	672
Number of packs	10,149	9,949	20,098
Number of hours	31,209 $\frac{3}{4}$	26,184 $\frac{1}{4}$	57,394

Instructions

Pack lessons:			
Number of pupils	8	72	80
Number of lessons	20	99	119
Number of hours	21	154 $\frac{1}{2}$	175 $\frac{1}{2}$
Continuous bath lessons:			
Number of pupils	2	76	78
Number of lessons	7	134	141
Number of hours	8	267 $\frac{1}{4}$	275 $\frac{1}{4}$

OCUPATIONAL THERAPY

At the present time, we have our full quota of employees in the Occupational Therapy Department, namely, one head occupational therapist, four aides, physical director and one director of music.

The following classes were held regularly: Main Occupational Therapy Classroom, E. G. 8, W. G. 8, H. I. 2, H. I. 3, W. E. 3 and E. E. 3. Patients are prescribed to the Occupational Therapy Classes by the physician in charge of ward, using the standardized prescription card. Monthly progress notes are written by the occupational therapists and daily attendance records are kept. Two occupational therapy aides supervised the bean and berry picking, taking out large groups of patients daily, beginning on June 26 and ending August 22.

The affiliate nurses were given a short course of lectures in occupational therapy and twenty hours in crafts and practical work in classes, coming in groups of every three months. The student nurses of the hospital are also given instruction in occupational therapy work.

All recreational activities are under the direction of this department, both patients and employees. Our Christmas week program opened with a play titled *Diamonds and Detectives* which was presented at the hospital by the Ad Post Auxiliary of the Veterans of Foreign Wars on Monday evening, December 22, 1930. Dancing was enjoyed by the patients after the play, and the ex-servicemen were presented with candy, fruit, stockings, and handkerchiefs. The tab *Adoration* was presented in the Assembly Hall on Christmas Eve; the cast composed of 24 patients. Gifts were then passed out to the patients from Christmas Tree by an employee in the capacity of Santa Claus, who also visited all wards passing out gifts and candy to the patients. Religious services

d on Christmas Day both in the morning and afternoon, with special music for h. On Friday, December 26, the Patient's Party was enjoyed by a large number. Prizes were awarded by the Superintendent, to winners of games and tests. An entertainment followed by dancing was given at Lovering Colony December 29, and an entertainment was given for the benefit of the men at Eden Colony on December 30. The Christmas activities ended with the annual New Years Ball for employees, on New Years Eve. The assembly hall and front porch were decorated with evergreen and holly and a very pleasant Christmas season was enjoyed by all.

The following people very generously contributed to our Christmas fund: Mrs. W. Keney, Miss Jennie Thomas, Mrs. Carolyn G. Williams, Mrs. Marie L. Warden, Mr. and Mrs. Edwin Shepardson, Mrs. Marie Rogers, Mr. Anthony Flos, Mrs. Mary B. Besse, Clarice A. Valentine, Mr. Alfred Carlson, Mrs. Annie Cey, Mr. Harvey Sampson, Mrs. Margorida Neves, Mr. Joseph F. Waldron, Mr. Frank C. Perry, Mrs. Eleanor Donelli, Mr. Edward J. O'Brien, Mr. J. B.riseau, Mr. William Hennessey, Mr. William E. Fuller, Mr. James Boylan, Mr. Walter Atkinson, Mrs. Azelie Melanson, Mr. S. M. Stone, Mr. N. F. Tupper, Mrs. Therine Monteiro, Mr. Henry W. Parker, Mr. and Mrs. H. M. Lane, Mr. Thomas Emme, Mr. John Cullinan, Mrs. John Yates, Mr. Thomas E. Leonard, J. J. Navan, Mrs. Mary Garand, Mr. Raymond E. Drake, Mr. Henry F. Palmer, Annie Coffey, Mrs. Elizabeth A. Miles, Mr. William Kelley, Mrs. Augustus LeClair, Mrs. Florence Stinton, Rev. Francis Maloney, Rev. Francis A. McCarthy, Mrs. Edith F. Leonard, Mr. Elmer I. Wheeler, Mr. Michael Santos, Mr. Arthur Dolan, Mr. Maurice Robbins, Mrs. Emma C. Thompson, Mr. P. Fitzpatrick, Mr. Harry Henk, Flora Blake, Mr. Robert C. Haynes, Dr. Helen F. Pierce, Mrs. Celina Dumont, Mr. Anthony L. Carlos, Mr. Alfred Carlson, Mr. Alphonse Michaud.

The other entertainments held during the year were as follows:

Baseball Dance — January 13.

Nurses' Graduation — January 27. Assembly hall decorated in blue and gold.

Washington's Birthday Party — February 24.

Patients' Costume Party — February 25. Consisted of games and dancing. Refreshments were served and prizes were awarded by the Superintendent of the Hospital.

St. Patrick's Party — March 15. Games, contests, and dancing. Refreshments. Prizes were awarded.

Community Sing — March 10. A large number of patients attended and the response was exceptionally good.

Whist Party — April 7. Attendance of 100 patients.

American Legion Entertainment — April 14. Band music by the High School and under the direction of Mr. Robert Park. Play entitled *How the Story Grew* was presented by the Girls' Club.

Veterans' of Foreign Wars Entertainment — April 21. This entertainment was especially for the ex-service men, but was enjoyed by many other patients. There were short sketches, tap, toe, and acrobatic dancing, and vocal solos. Smokes, (cigarettes,) and chewing gum were given to the ex-service men by the organization afterward, and refreshments were served to the guests.

Community Singing — April 13 and 27; May 4 and 14; June 10 and 24; and August 19. A great deal of interest was shown by the patients on both of the April dates, and vocal and violin solos were given at both.

May Party for Employees — May 26. May Party — May 27. Consisted of games, contests and dancing. Refreshments and prizes. This was the closing event of the season.

Three-act play (*Let's Get Married*) — June 10. Cast composed of 9 patients. The play was later presented at the Foxborough State Hospital — June 26, at the request of the Superintendent there.

Band Concert — July 11. Given by the Salvation Army Band of New Bedford, on the grounds of the hospital.

Whist Party — July 14. One hundred patients were present. Prizes were given and refreshments served.

Song Service — July 26. Given by the Salvation Army Songsters of Pawtucket, R. I.

Whist Party — September 14. Prizes were awarded and refreshments were served. This form of entertainment seems to be very much enjoyed by all the patients who attend. On the showing of hands, the vote was almost unanimously in favor of whist parties.

Farewell Party for Assistant Superintendent — September 23. Dr. Joseph Barrett was promoted earlier in the month, to the position of Assistant to Commissioner of the Department of Mental Diseases, consequently this party was arranged for him. Dr. Barrett was presented with a purse of gold and Mr. Barrett with an arm bouquet of roses as a token of the respect and appreciation of the employees of the Taunton State Hospital.

Moving Pictures — September 30. This was the first showing of the season, there being one weekly through the winter.

Patients' Weekly Dance — October 2. This was the first dance of the season, there being one weekly throughout the winter months. Music was furnished by the hospital orchestra under the leadership of the director of music.

Employees' Halloween Dance — October 29. Prizes were given for the best and funniest costumes.

Patients' Halloween Party — October 30. Games, contests, and dancing; prizes given for best and funniest costumes.

Patients' Thanksgiving Party — November 24. Games and dancing. Apples, doughnuts, and punch were served. Prizes for winners of contests.

Employees' Thanksgiving Dance — November 27.

The following schedule shows the number of patients treated in the occupational therapy department during the year:

Under treatment first of year	2
Admitted to classes during year	6
Cases not previously treated	3
Cases previously treated	2
Cases transferred	4
Cases discontinued	1
Cases discharged	
Cases died	
Cases remaining under treatment at end of year	2

The following articles were completed by the patients during the year: pillow tops; 491 embroidered runners; 31 centerpieces; 4 hand embroidered towels; 139 rugs; 10 woven burlap trackers; 12 hot dish mats; 1 small table mat; 46 knitted facecloths; 3 crocheted dish cloths; 5 handkerchiefs (crocheted edge); 4 needle cases; 23 table covers; 2 pin-cushions; 4 hosiery boxes; 2 scarfs; 1 knitted sweater; 1 6-piece vanity set; 151 knitted shoulderettes; 3 sets hand decorated book-ends; 3 hand-painted bird sticks; 4 reed ferneries; 7 reed jennies; 4 reed waste baskets; 2 reed desk baskets; 10 hand-decorated door-stops; 1 rayon mantel cover; 1,975 crepe paper flowers; 1 6-piece vanity set in filet crochet; 1 hooked-in chair seat.

SCHOOL OF NURSING

The School of Nursing continues to progress and now has an enrollment of 10 students.

During the year, 5 students completed the 3 year course, 40 students from affiliating schools were given certificates for completion of the three-month course in psychiatric nursing, and a course in practical nursing was successfully completed by 28 attendant nurses.

Classroom instruction, including lectures, demonstrations, and recitation, 1,145 hours, were given to student nurses; and 108 hours of theory and practice to attendant nurses. In addition to the student body, 20 registered nurses were associated with the School, each helping in the training of the student. A registered nurse was assigned to the Nurses' Home as housemother, thus enabling the school to have close contact with the student at all times. Since the beginning of the affiliation course, in February, 1929, classes have been conducted during the summer

months, and increasing demands have been made on the members of the medical staff for lectures. The willingness with which these demands have been met has merited the sincere gratitude of the School.

Members of the nursing staff have been present at meetings of district, state, and New England divisions of the American Nurses' Association.

LABORATORY

Since July 1931, the volume of work in the laboratory has been increased. This has not resulted from a greater number of specimens received but rather to the assumption of the microscopic study of tissues removed from all organs at autopsies. In making this study, the clinical diagnosis can the better be confirmed or disproved with resulting benefit to patient, hospital, and staff. Some difficulty has been met with in accomplishing this end as carefully as desired because two different technicians at separate times had to be instructed in this tissue work. Soon, however, the reorganization of the laboratory staff will be well under way and the time thus spent can henceforth be used to work on some of the many problems of neuropathology.

Attempts have been made to correlate the clinical and pathological findings of the cases that come to autopsy by presenting to the staff at least weekly, some interesting phase of these cases. With time, it is intended this correlating will be increased and made more valuable.

While aiding the staff in diagnosis, the following has been done: Urine examinations, 1,556; complete blood counts, 800; white blood counts, 101; blood sugar determinations, 120; blood urea nitrogen determinations, 44; blood non-protein nitrogen determinations, 39; bacteriological smears, 275; bacteriological cultures, 17; sputums, 8; stools, 29; spinal fluids, 48; stomach contents, 3; renal function tests, 2; coagulation time determinations, 3.

There were 196 deaths during the year and 67 autopsies. This gives a percentage of 34.18.

RELIGIOUS SERVICES

Every Sunday, we have two well attended religious services, one being held in the morning at 8:45 and the other in the afternoon at 4:00. We are very fortunate in having the assistance of interested clergymen and our choir consisting of patients supervised by an employee, has cooperated well during the past year.

The institution heartily appreciates the work that has been done by the following clergymen: Rev. Frederick W. Alden, Rev. Linton Dwyer, Rev. Dan H. Fenn, Rev. John Findlay, Rev. E. H. Green, Rev. William Haney, Rev. Francis Maloney, Rev. Charles Martin, Rev. Francis A. McCarthy, Rev. H. M. Medary, Rev. Robert Roberts, Rev. D. W. Swaffield, Rev. M. P. Tobey.

LIBRARY

Total number of books on November 30, 1931	6,450
Number of books discarded	110
Additions by purchase	160
Additions by gift	114
Employees' Library Cards	111
Circulation of books — Fiction	4,944
Circulation of books — Non-fiction, including bound magazines	453

Total circulation 5,397

Books are now going at regular intervals to both colonies and to seven wards in which the patients enjoy reading. From the other wards, except those where magazines only are allowed, attendants bring patients wishing to have books, to the library to select for themselves.

Typewritten catalogues of all the books in the library on December 1, 1930, are now on all the reading wards. Supplements to these catalogues, containing the ward's additions, are to be made annually.

The following is a list of magazine and book contributors: Mrs. Elizabeth C. M. Clifford, Mrs. Grant, Dr. William F. Wyatt, Dr. Louisa E. Boutelle, Mr. J. Randall

Pratt, Mrs. Mary B. Besse, The Periodical Club of Fall River, Mrs. Ina Basse, Mr. J. H. Hastings, Mr. A. C. Bent, Mrs. Arthur B. Hart, Miss Mary Nichols, Mr. Richard Smerdon, Sr., Miss F. E. Francis, Miss Katherine A. Smith, Mrs. George Burt, Mr. E. Russell Davol, Mrs. John Clift, Mrs. R. G. Witherall, Mr. Peter Davidson, Mr. C. M. Dawes, Mr. Harold C. Parmenter, Mrs. Howard Woodward, Mrs. Thomas Smith, Mrs. Edith Curtis, Miss Bertha J. Washburn, Mrs. Joseph M. Eby, Mrs. E. P. Rand, Mrs. Dorothy Phillips, Miss Annie A. Hall, R. M. Miss Louisa Hall, Mr. Percy Davidson, Miss A. E. Bragg, Mrs. Louise Moore Merrill, Mr. George H. Burt, Miss Mary C. Correia, Mrs. Effie Gardner, Mr. Irving Livingstone, Mr. James O. Fagan.

FARM

Our farm has had a splendid year; the cost decreased about \$2,000 while the production increased to the extent of \$4,838.01, exceeding the profits of last year by \$7,124.16. The installation of the cafeteria system for serving the meals has resulted in a great increase in the number of vegetables consumed and a decrease in the use of certain purchased commodities such as flour, a very desirable change but one which will necessitate increased activity on the part of the farm and next year, we will have to increase our acreage materially, for this reason. For the first time, we have placed some of our root crops in cold storage for late spring consumption.

Our herd continued to be free from tuberculosis and the milk production increased. The swine and poultry departments have had an unusually good year and these together with the dairy department, have contributed much to the increase in profit.

The clearing of land at the Raynham Colony has continued and during the year, it has been necessary to move several employees from the home farm in order to take care of the activities there. The land that is being added to our tillage is of very good quality and will without question serve to increase our production as time goes on. Much of the success of the farm may be attributed to the excellent cooperation of the patients who work there and it cannot be forgotten that they are benefited too.

The following is a detail of the farm production for the year: 662,677 lbs. milk; 9,697 lbs. beef; 60,235 lbs. pork; 1,400½ lbs. liver; 7,478 7-12 doz. eggs; 3,800 lbs. fowl; 917 lbs. chicken; 2,684 lbs. broilers; 120,811 lbs. potatoes; 2,062 lbs. asparagus; 22,327 lbs. string beans; 10,889 lbs. beets; 410 lbs. brocoli; 412 lbs. brussels sprouts; 81,510 lbs. cabbage; 7,920 lbs. cantaloupe; 36,293 lbs. carrots; 18 lbs. cauliflower; 1,590 lbs. celery; 15,377 lbs. Swiss chard; 20,151 lbs. sweet corn; 7,943 lbs. cucumbers; 546 lbs. dandelions; 6,864 lbs. kohlrabi; 6,056 lbs. lettuce; 17,418 lbs. onions; 3 lbs. parsley; 15,366 lbs. parsnips; 654 lbs. green peas; 1,394 lbs. peppers; 9,750 lbs. pumpkins; 2,052 lbs. radish; 2,266 lbs. rhubarb; 4,140 lbs. spinach; 13,692 lbs. summer squash; 51,882 lbs. winter squash; 92,569 lbs. tomatoes; 18,782 lbs. turnips; 720,000 lbs. ensilage; 42,000 lbs. milk; 27,000 lbs. oats; 98,000 lbs. hay; 379,300 lbs. greenfeed; 128,430 lbs. mangels; 8,419 lbs. apples; 6 lbs. cherries; 1,609½ lbs. currants; 692 lbs. grapes; 3 lbs. plums; 14,999 lbs. peaches; 48 lbs. quinces; 1,419 lbs. blackberries; 1,348 lbs. gooseberries; 3,742 lbs. strawberries; 3,672 lbs. raspberries.

INDUSTRIAL DEPARTMENT

This department continues to be a very important part of our organization. It furnishes occupation and thereby a more nearly normal existence to many patients both men and women. It also makes possible the manufacture of clothing and other materials in a manner which is entirely suitable to our needs.

Our production in all the shops is on a satisfactory basis and there has been no difficulty in maintaining this state during the past year; in fact, at times it has been necessary to curtail. We are planning to increase facilities for repair and manufacturing furniture during the coming year, and new industries of less importance are being constantly added to those already accomplished in our various shops.

A report of each of the individual shops follows:

Industrial Shop

Produced — 1,025 brooms, 1,010 mattresses, 603 brushes, 13 garbage cans, 2 hanging signs, 5 dishpans, 3 drip pans, 131 water pails, 4 drain funnels, 73 dust pans, 1 milk can, 2 sauce ladles, 5 dry mops, 100 wet mops, 555 pillows, 4 dippers, 20 plugs for cereal cookers, 4 boilers, 81 window shades, 1 butter chip dispenser, 24 paint cans, 12 tins, 5 colanders, 2 kettles, 1 table, 4 metals attached to ladders, 8 sleeves and flanges on pipes, 7 cake pans, 15 cushions, 1 baseball kit, 3 skimmers, 1 metal screen, 9 rope mats, 3 cookie cutters, 2 doughnut cutters, 3 st cans, 6 wire hoops, 3 ventilator covers, 14 rubber covers for mattresses, 200 les made in key tags.

Repaired — 64 cans, 22 pans, 16 pails, 20 boilers, 8 bins, 4 urns, 12 pitchers, 1 poker, 4 covers, 2 sprayers, 1 plunger, 1 strainer, 4 kettles, 2 ladles, 1 polisher, 2 hampers, 2 measures, 3 tubs, 15 brushes, 3 transoms, 49 tins, 2 bowls, 9 colanders, 2 egg beaters, 46 clocks, 4 mattresses, 3 perculators, 2 coal hods, 4 tanks, 15 chairs, 2 book folders, 1 freezer, 5 ice chests, 40 teapots, 3 dippers, 7 wringers, 2 meat cutters set up, 1 can opener put on table, 2 boxes, 2 lawn rollers, 33 racks, 3 sink stands, 4 doors, 54 window shades, 1 ventilator, 1 shaving kit, 8 conductors, 8 or pads, 1 oiler, 1 vacuum cleaner, 1 shovel, 2 skimmers, 1 sieve, 1 rubber tracker (tied on floor in vault), 1 pipe repaired in tank, wheels put on 1 cabinet.

Upholstered — 26 chairs, 1 hassock, 33 cushions, 1 sofa.

Caned — 125 chairs.

Tailor Shop

Manufactured — 442 suits, 102 coats, 352 pr. pants, 5 window shades, 1 uniform, 2 costumes, 49 vests, 6 doz. aprons, 213 rugs, 36 overalls.

Repaired — 3,100 suits, 13 rugs, 37 pr. pants, 45 coats, 20 vests, 3 cushion covers, 1 rubber mattress cover, 29 dresses, 1 sleeve.

Shoe Shop

Manufactured — 762 pr. men's shoes, 436 pr. women's shoes, 146 pr. slippers.

Repaired — 149 heel linings, 182 rubber heels, 261 leather heels, 836 taps (nailed and sewed), 240 uppers patched, 190 soles patched, 218 rips (sewed), 108 straps, 2 pr. baseball shoes, 2 pieces rubber matting, 2 brief cases, 1 auto curtain, 1 mail bag, 3 ball gloves, 1 ball bag, 2 harnesses, 82 fiber lifts put on, 46 rubber lifts put on, 1,969 rubber heels put on.

Sewing Room

Manufactured — 815 aprons, 24 bath mittens, 6 baby dresses, 98 bed jackets, 5 bibs; 739 blankets tagged and hemmed; 30 boots, 1,042 B. V. D.'s, 12 capes, 2 coffee bags, 86 cushion covers, 782 pr. curtains, 29 chair cushions, 16 dish washer stands, 689 draw sheets, 2 prs. drawers, 1,070 dresses, 192 dust cloths, 49 face cloths, 10 gowns, 89 hammocks, 68 waitresses' head bands, 20 hot water bottle covers, 24 ice collar covers, 3 jelly bags, 90 kitchen pan holders, 6 pads, 709 laundry bags, 6,266 napkins, 94 mattress ticks, 1,030 nightdresses, 1,312 nightshirts, 135 nurses' aprons, 136 nurses' bibs, 30 nurses' caps, 86 pr. nurses' cuffs, 6 nurses' hat bands, 2 pr. overdrapes, 114 pack sheets, 84 pajama jackets, 85 pajama pants, 1 piano scarf, 137 pillow cushions, 3,736 pillow slips, 42 pillow ticks, 1,587 men's shirts, 4,546 sheets, 102 screen covers, 423 shroud sheets and squares, 874 men's sick shirts, 595 womens' sick shirts, 3 silver cases, 671 slips, 36 stockings mended, 4 table scarfs, 852 table cloths, 297 tie backs, 48 triangular slings, 8,785 rags, 43 tub covers, 2 tub curtains, 36 utility cases, 90 valances, 51 window shades, 2 Santa Claus suits, 79 kitchen mittens, 42 puff covers, 20 puff linings, 5 puffs tied, 5 silk puffs, 29 tray cloths.

Repaired — 1,501 socks.

Mending Room

Repaired — 1,318 aprons, 127 bath robes, 150 bibs, 223 blankets, 1,249 B. V. D.'s, 2 caps, 24 cap bands, 828 coats, 3 corsets, 3 corset covers, 112 curtains, 2,111 prs. drawers, 4,762 dresses, 134 gowns, 1 ice bag cover, 5 jackets, 1 kimona, 3,932

laundry bags, 741 mattress ticks, 19 mittens, 13 mop bags, 909 napkins, 9,800 nightdresses, 328 overalls, 128 pr. pants, 9 petticoats, 161 pillow slips, 9 pillow ticks, 26 puff covers, 2 scarfs, 29 shawls, 1,298 sheets, 5,045 shirts, 1,501 slipspreads, 220 spreads, 16,593 stockings, 64 sweaters, 91 table cloths, 817 towels, 53 table cloths, 467 tub covers, 388 unionsuits, 2 valances, 44 window shades.

REPAIRS AND RENEWALS

The Legislature appropriated \$18,000 under this heading during the past year. With this money, we have been able to make the following improvements:

Oil burners were installed in our bakery ovens and have proven to be a great success. The dust incident to the burning of coke has entirely disappeared and it would seem from studies made so far, that the fuel expense would not be very much, if any greater.

Two dish-washing machines were purchased for installation at the Colonies where the dishes have always been washed by hand. It is believed that this will be a great improvement from the standpoint of sanitation.

Modern metal laundry chutes have been installed in each of our infirmaries buildings, where the handling of a great quantity of soiled linen has always been a problem. These chutes will make it possible to get soiled linen out of the ward immediately, which without question, will make conditions on the ward much better.

The roof of the large cow-barn at Raynham Colony was renewed.

Our programs for changing locks and improving the heating system in the main building, were continued.

Electric refrigerators were purchased for the staff kitchen and one cottage.

A granolithic floor surfaced with linoleum in the corridors and terrazzo in the rooms, was installed in Male Ward 7. This ward has also been completely renovated and is now in very good condition.

New lavatories were installed in Male Wards 7, 8, 9 and clothing rooms in Male Wards 7, 8, 9, and Female Ward 9. These changes were badly needed and will be much to the benefit of the service.

More cement sidewalk and road has been constructed than ever before.

Insulated food conveyors were purchased for the purpose of conveying food from the kitchen to the few patients who because of conduct disturbance cannot go to the cafeteria. These conveyors have made the service of food to these people compare very favorably with that in the cafeteria.

The sum of \$3,300 which was appropriated for the purchase of talking motion picture apparatus is carried over as a liability and this installation will probably be made very soon.

The Legislature gave us permission to buy seats for the chapel from maintenance if there should be a balance. An item of \$2,400 was set up under Repairs and Renewals for this purpose and we now have 600 folding seats on the main floor and about 75 opera seats in the balcony. This completes the furnishings of the chapel unit. During the course of the year, an emergency arose and it was necessary to re-tube two of our boilers. An item of \$1,170 was set up under Repairs and Renewals for this purpose.

Requests for the following appropriations were placed in our budget estimate for the year 1932:

1. Sidewalks and roads at main hospital grounds	\$1,000.
2. Changing locks at main hospital	200.
3. Floor polishers at main hospital	300.
4. Linoleum — main hospital — homes	2,000.
5. Potato peeler — main hospital — kitchen	300.
6. Coffee Urns repaired — main hospital — kitchen	350.
7. Ceilings — main hospital — wards.	500.
8. Improvement to heating system — main hospital	300.
9. Raising roof of recreation building — main hospital	250.
10. Refrigerators — Borden Colony and Lovering Colony	2,400.
11. Elevator — hand operated — Brown Infirmary	600.

Underground conduit for telephone and fire alarm, main hospital —	
front gate	400.00
Vacuum Pump — main hospital — power plant	400.00
Total	\$9,000.00

REPAIRS ORDINARY

The usual sum of \$15,000 was appropriated under this heading last year. Our mechanics together with a great many patients, have worked diligently and it can safely be said that repairs are much ahead of last year. Greater care is being given to small repairs and an extensive painting program as carried out in previous years is reducing the everlasting paint problem. The greenhouse which was in very bad shape, has been thoroughly repaired, many sidewalks have been renewed, adequate electric fixtures have been replaced in great numbers, needed repairs have been made to the mechanical equipment in the engine and boiler rooms.

ACKNOWLEDGEMENTS

I extend my thanks to the Board of Trustees for their willingness to help, their continued interest, their support and the pleasure of being associated with them in this work.

I wish to express to the hospital personnel, my gratitude for continued loyalty, best effort and efficiency in their respective positions.

Respectfully submitted,

RALPH M. CHAMBERS, M.D.,

Superintendent.

VALUATION

November 30, 1931

REAL ESTATE

456.88 acres	\$63,000.00
Buildings	1,147,569.35
	<u>\$1,210,569.35</u>

PERSONAL PROPERTY

Transportation and office expenses	\$5,421.37
Painting and materials	19,099.95
Furniture and household supplies	21,633.47
Medical and general care	130,914.44
Light and power	18,806.80
	3,919.75
	38,966.80
Feed, stables and grounds	6,639.19
Tools	10,124.23
	<u>\$255,526.00</u>

SUMMARY

Real estate	\$1,210,569.35
Personal property	255,526.00
	<u>\$1,466,095.35</u>

FINANCIAL REPORT

Department of Mental Diseases.

I respectfully submit the following report of the finances of this institution for the fiscal year ending November 30, 1931.

CASH ACCOUNT

Receipts

Admission of patients	\$69,545.11
Gift Services:	
Contribution from Board of Retirement	194.69
Transportation and office expenses	\$29.12
Painting and materials	143.75
Furniture and household supplies	152.11
Medical and general care	1.00
Light and power	3.50
	76.55
Feed and calves	242.90
House	20.00
Feed and green bones	30.75

Wagon	1.00	
Garage, stable and grounds	11.42	
Repairs, ordinary	230.67	
Repairs and renewals		
Fire damage	5.00	
Total sales		947
Miscellaneous:		
Rents — garage	700.00	
Interest on bank balances	226.28	
Rent, house and room	485.94	
Sundries	164.20	
Board of employees		1,576.287
Total Income		72,551.

MAINTENANCE

Balance from previous year, brought forward	\$11,998.
Appropriations, current year:	574,920.
Total	\$586,918.
Expenses (as analyzed below)	549,904.
Balance reverting to Treasury of Commonwealth	\$37,013.

Analysis of Expenses

Personal services	\$308,062.
Religious instruction	1,805.
Travel, transportation and office expenses	6,493.
Food	83,426.
Clothing and materials	14,839.
Furnishings and household supplies	27,405.
Medical and general care	18,485.
Heat, light and power	28,535.
Farm	26,387.
Garage, stable and grounds	6,344.
Repairs ordinary	13,399.
Repairs and renewals	14,718.
Total expenses for Maintenance	\$549,904.

SPECIAL APPROPRIATIONS

Balance December 1, 1930	\$47,041.
Appropriations for current year	57,500.
Total	\$104,541.
Expended during the year (see statement below)	\$25,095.41
Reverting to Treasury of Commonwealth	34.69
	25,130.
Balance November 30, 1931, carried to next year	\$79,411.

OBJECT	Act or Resolve	Whole Amount	Expended during Fiscal Year	Total Expended to Date	Balance at End of Year
Ren. of rear of hospital Central bakeshop, dining halls, etc.	127-1928 146-1929	\$253,027.14	\$9,354.52	\$252,992.45	\$34.69
Certain land	127-1928 115-1930	4,000.00	—	3,995.64	4.
Kitchen and cafeteria equipment	146-1929 115-1930	25,000.00	2,803.24	24,918.41	81.
Officer's cottage	115-1930 14-1931	9,000.00	8,892.73	8,892.73	107.
Superintendent's house	115-1930	21,000.00	—	—	21,000.
Remodeling certain spaces	115-1930	6,400.00	1,003.49	1,003.49	5,396.
Garage	115-1930	3,000.00	1,357.13	2,994.32	5.
Purchase sprinklers	245-1931	8,000.00	292.10	292.10	7,707.
Furnishings for officer's cottage.	245-1931	1,500.00	—	—	1,500.
New boilers	245-1931	45,000.00	1,392.20	1,392.20	43,607.
		\$375,927.14	\$25,095.41	\$296,481.34	\$79,445.

Balance reverting to Treasury of the Commonwealth during year (mark item with *)	34.
Balance carried to next year	79,411.
Total as above	\$79,445.

PER CAPITA

During the year the average number of inmates has been 1,498.65.
 Total cost of maintenance, \$549,904.88.
 Equal to a weekly per capita cost of \$7.0564.
 Receipt from sales, \$947.77.
 Equal to a weekly per capita of \$.0122.
 All other institution receipts, \$71,604.03.
 Equal to a weekly per capita of \$.9188.
 Net weekly per capita \$6.1254.

Respectfully submitted,

YVONNE B. PATENAUDE, *Treasurer.*

STATISTICAL TABLES

AS ADOPTED BY THE AMERICAN PSYCHIATRIC ASSOCIATION PRESCRIBED BY THE
 MASSACHUSETTS DEPARTMENT OF MENTAL DISEASES

TABLE 1. *General Information*

Data correct at end of hospital year, November 30, 1931

1. Date of opening as a hospital for mental diseases, 1854.

2. Type of hospital: State.

3. Hospital plant:

Value of hospital property:

Real estate, including buildings	\$1,210,569.35
Personal property	255,526.00

Total.

	\$1,466,095.35
--	----------------

Total acreage of hospital property owned, 456.88 rds.

Total acreage under cultivation during previous year, 302.

4. Officers and Employees

	Actually in Service at End of Year			Vacancies at End of Year		
	M.	F.	T.	M.	F.	T.
Superintendents	1	—	1	—	—	—
Assistant physicians	7	1	8	Asst. Super. 1	—	1
Total physicians	8	1	9	1	—	1
Stewards	1	—	1	—	—	—
Resident dentists	1	—	1	—	—	—
Pharmacists	—	1	1	—	—	—
Graduate nurses	4	19	23	—	—	—
Other nurses and attendants	77	67	144	6	6	12
Occupational therapists	—	3	3	—	—	—
Social workers	—	3	3	—	—	—
All other officers and employees	62	55	117	1	5	6
Total officers and employees	153	149	302	8	11	19

NOTE: — The following items, 5-10 inclusive, are for the year ended September 30, 1931.

5. Census of patient population at end of year:

	Actually in Hospital			Absent from Hospital but Still on Books		
	M.	F.	T.	M.	F.	T.
White:						
Insane	725	757	1,482	83	115	198
Mental defectives	—	1	1	—	—	—
All other cases	4	1	5	—	1	1
Total	729	759	1,488	83	116	199
Other Races:						
Insane	18	15	33	3	1	4
Total	18	15	33	3	1	4
Grand Total	747	774	1,521	86	117	203

	M.	F.	T.
Patients under treatment in occupational-therapy classes, including physical training, on date of report	90	189	279
Other patients employed in general work of hospital on date of report	449	474	923
Average daily number of all patients actually in hospital during year	733.9956	757.9980	1,491.9936
Voluntary patients admitted during year	10	6	16
Persons given advice or treatment in out-patient clinics during year	176	169	345

TABLE 2. *Financial Statement*

See Treasurer's report for data requested under this table.

NOTE: The following tables 3-19, inclusive, are for the Statistical year ended September 30, 1931.

TABLE 3. *Movement of Patient Population*

	REGULAR COURT COMMITMENT (INSANE)			VOLUNTARY			TEMPORARY CARE			OBSERVATION			TOTAL ON BOOKS		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Patients on books of Institution September 30, 1930	838	885	1,723	3	1	4	-	-	-	3	5	8	844	891	1,735
Admissions during year:															
First Admissions	169	176	345	4	3	7	18	8	26	28	15	43	219	202	421
Readmissions	46	54	100	6	3	9	4	3	7	5	6	11	61	66	127
Transfers from other hospitals for mental diseases	6	7	13	-	-	-	-	-	-	-	-	-	6	7	13
Total received during year	221	237	458	10	6	16	22	11	33	33	21	54	286	275	561
Total on books during year	1,059	1,122	2,181	13	7	20	22	11	33	36	26	62	1,130	1,166	2,296
Discharged from books during year:															
As recovered	22	39	61	2	3	5	7	4	11	11	8	19	42	54	96
As improved	67	66	133	3	-	3	2	2	4	2	2	4	74	70	144
As unimproved	2	11	13	-	-	-	5	1	6	1	1	2	8	13	21
As without psychosis	1	-	1	4	3	7	7	1	8	14	4	18	26	8	34
Transferred to other hospitals for mental diseases	40	41	81	-	-	-	-	-	-	-	-	-	40	41	81
Died during year	104	79	183	-	-	-	-	3	3	3	7	10	107	89	196
Total discharged, transferred and died during year	236	236	472	9	6	15	21	11	32	31	22	53	297	275	572
Insane patients remaining on books of hospital at end of hospital year:															
In hospital	737	770	1,507	4	1	5	1	-	1	5	3	8	747	774	1,521
On parole or otherwise absent	86	116	202	-	-	-	-	-	-	-	1	1	86	117	203
Total	823	886	1,709	4	1	5	1	-	1	5	4	9	833	891	1,724

TABLE 4. *Nativity of First Admissions and of Parents of First Admissions*

NATIVITY	PATIENTS			PARENTS OF MALE PATIENTS			PARENTS OF FEMALE PATIENTS		
	M.	F.	T.	Fathers	Mothers	Both Parents	Fathers	Mothers	Both Parents
United States	100	99	199	51	48	43	47	47	36
Austria	—	1	1	1	—	—	1	1	1
Belgium	1	—	1	1	1	1	—	—	—
Canada	20	15	35	28	30	26	22	22	17
Danish	1	—	1	1	1	1	—	—	—
Denmark	—	1	1	—	—	—	—	—	—
England	7	17	24	16	16	11	21	18	16
Ireland	1	1	2	1	1	1	1	1	1
Netherlands	1	—	1	—	1	—	3	3	2
Germany	1	—	1	2	1	1	2	1	1
France	—	—	—	—	—	—	1	—	—
Italy	2	8	10	19	18	16	24	26	21
Spain	4	3	7	5	5	5	5	5	5
Sweden	—	4	4	2	2	2	5	4	4
Porto Rico	1	—	1	—	—	—	—	—	—
Portugal	21	17	38	27	26	26	24	23	23
Russia	—	1	1	—	—	—	1	1	1
Scotland	3	4	7	3	5	3	6	6	5
South America	1	—	1	—	—	—	—	—	—
Sweden	3	2	5	6	6	6	2	2	2
Switzerland	—	1	1	—	—	—	—	1	—
Key in Asia	1	—	1	1	1	1	—	—	—
Key in Europe	1	1	2	1	1	1	1	1	1
Islands	—	—	—	—	1	—	—	—	—
Other countries	—	1	1	—	1	—	1	2	1
Unascertained	—	—	—	4	4	4	9	12	6
Total	169	176	345	169	169	148	176	176	143

Includes Newfoundland .

TABLE 5. *Citizenship of First Admissions*

	Males	Females	Total
izens by birth	100	99	199
izens by naturalization	26	28	54
ns	39	36	75
izenship unascertained	4	13	17
Total	169	176	345

TABLE 6. *Psychoses of First Admissions*

PSYCHOSES	M.	F.	T.	M.	F.	T.
Traumatic psychoses				2	—	2
Senile psychoses				23	22	45
Psychoses with cerebral arteriosclerosis				34	25	59
General paralysis				16	2	18
Psychoses with cerebral syphilis				1	1	2
Psychoses with Huntington's chorea				—	—	—
Psychoses with brain tumor				—	1	1
Psychoses with other brain or nervous diseases, total				2	2	4
Meningitis, tubercular or other forms	1	—	1			
Multiple sclerosis	1	—	1			
Other diseases	—	2	2			
Alcoholic psychoses, total				18	3	21
Delirium tremens	1	1	2			
Korsakow's psychosis	5	—	5			
Acute hallucinosis	6	1	7			
Other types, acute or chronic	6	1	7			
Psychoses due to drugs and other exogenous toxins, total				—	1	1
Other exogenous toxins	—	1	1			
Psychoses with pellagra				1	—	1
Psychoses with other somatic diseases, total				5	9	14
Exhaustion delirium	—	1	1			
Cardio-renal diseases	3	—	3			
Other diseases or conditions	2	8	10			
Manic-depressive psychoses, total				11	17	28
Manic type	2	11	13			
Depressive type	8	5	13			
Other types	1	1	2			
Involution melancholia				4	14	18
Dementia praecox (schizophrenia)				42	52	94
Paranoia and paranoid conditions				1	17	18
Epileptic psychoses				1	3	4
Psychoneuroses and neuroses, total				1	1	2
Psychasthenic type (anxiety and obsessive forms)	1	—	1			
Neurasthenic type	—	1	1			
Psychoses with psychopathic personality				1	—	1
Psychoses with mental deficiency				5	5	10
Undiagnosed psychoses				—	1	1
Without psychosis, total: others				1	—	1
Total				169	176	345

TABLE 7. Race of First Admissions Classified with Reference to Principal Psychoses

RACE	Total			Traumatic			Senile			With cerebral arterio-sclerosis			General paralysis	
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.
African (black)	—	2	2	—	—	—	—	—	—	—	—	—	—	1
Chinese	1	—	1	—	—	—	—	—	—	—	—	—	—	—
East Indian	—	1	1	—	—	—	—	—	—	—	—	—	—	—
English	62	59	121	—	—	—	9	10	19	14	11	25	3	—
Finnish	1	1	2	—	—	—	—	—	—	—	—	—	—	—
French	25	20	45	—	—	—	1	2	3	8	5	13	1	—
German	1	1	2	—	—	—	—	—	—	1	—	1	—	—
Hebrew	—	—	1	—	—	—	—	—	—	—	—	—	—	—
Irish	22	28	50	—	—	—	6	5	11	3	3	6	1	—
Italian ¹	5	5	10	—	—	—	1	1	2	1	—	1	1	—
Pacific Islander	1	—	1	—	—	—	—	—	—	—	—	—	—	—
Portuguese	26	24	50	—	—	—	3	—	3	2	1	3	6	1
Scandinavian ²	5	3	8	1	—	1	—	—	—	—	—	—	1	—
Scotch	3	6	9	—	—	—	1	1	2	1	—	1	—	—
Slavonic ³	2	6	8	—	—	—	—	—	—	—	—	—	—	—
Syrian	—	1	1	—	—	—	—	—	—	—	—	—	—	—
Turkish	2	1	3	—	—	—	1	—	1	—	—	—	—	—
Other specific races	1	—	1	—	—	—	—	—	—	1	—	1	—	—
Mixed	12	16	28	1	—	1	1	3	4	3	4	7	3	—
Race unascertained	—	1	1	—	—	—	—	—	—	—	1	1	—	—
Total	169	176	345	2	—	2	23	22	45	34	25	59	16	2

TABLE 7. Race of First Admissions Classified with Reference to Principal Psychoses — Continued

RACE	With cerebral syphilis			With brain tumor			With other brain or nervous diseases			Alcoholic			Due to drugs and other exogenous toxins	
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.
African (black)	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Chinese	—	—	—	—	—	—	—	—	—	—	—	—	—	—
East Indian	—	—	—	—	—	—	—	—	—	—	—	—	—	—
English	—	—	—	—	—	—	1	1	2	3	1	4	—	1
Finnish	—	—	—	—	—	—	—	—	—	—	—	—	—	—
French	—	1	1	—	—	—	—	—	—	8	—	8	—	—
German	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hebrew	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Irish	—	—	—	—	—	—	—	1	1	3	1	4	—	—
Italian ¹	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pacific Islander	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Portuguese	1	—	1	—	—	—	1	—	1	2	—	2	—	—
Scandinavian ²	—	—	—	—	—	—	—	—	—	1	—	1	—	—
Scotch	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Slavonic ³	—	—	—	—	—	—	—	—	—	—	1	1	—	—
Syrian	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Turkish	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other specific races	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mixed	—	—	—	—	1	1	—	—	—	1	—	1	—	—
Race unascertained	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	1	1	2	—	1	1	2	2	4	18	3	21	—	1

¹Includes "North" and "South."

²Norwegians, Danes and Swedes.

³Includes Bohemian, Bosnian, Croatian, Dalmatian, Herzegovinian, Montenegrin, Moravian, Polish, Russian, Ruthenian, Servian, Slovak, Slovenian.

TABLE 7. *Race of First Admissions Classified with Reference to Principal Psychoses — Continued*

RACE	With pellagra			With other somatic diseases			Manic-depressive			Involution melancholia			Dementia praecox			Paranoia and paranoid conditions		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Can (black)	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-
ese	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-
Indian	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
h	-	-	-	2	4	6	6	3	9	2	5	7	18	15	33	-	5	5
h	-	-	-	-	-	-	-	-	-	-	-	-	1	1	2	-	-	-
h	-	-	-	2	1	3	-	3	3	-	1	1	3	7	10	1	-	1
nan	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-
rev	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-
an ¹	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-
fic Islander	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
uguese	1	-	1	-	2	2	3	3	6	-	1	1	6	13	19	-	3	3
dinavian ²	-	-	-	-	-	-	-	1	1	-	1	1	2	1	3	-	-	-
h	-	-	-	1	1	2	-	-	-	-	2	2	-	-	-	-	2	2
onic ³	-	-	-	-	-	-	-	2	2	-	1	1	1	-	1	-	2	2
an	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-
ish	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	1	1
er specific races	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ed	-	-	-	-	-	-	1	1	2	-	1	1	2	2	4	-	-	-
e unascertained	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	1	-	1	5	9	14	11	17	28	4	14	18	42	52	94	1	17	18

TABLE 7. *Race of First Admissions Classified with Reference to Principal Psychoses — Concluded*

RACE	Epileptic psychoses			Psycho-neuroses and neuroses			With psychopathic personality			With mental deficiency			Undiagnosed psychoses			Without psychoses		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
an (black)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ese	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indian	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
h	-	2	2	-	-	-	1	-	1	2	1	3	-	-	-	1	-	1
h	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
h	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-
an	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ew	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
n ¹	1	-	1	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-
ic Islander	-	-	-	-	-	-	-	-	-	1	1	1	-	1	1	-	-	-
uguese	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
inavian ²	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
h	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
nic ³	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-
h	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
h	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
specific races	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ascertained	-	1	1	-	-	-	-	-	-	-	3	3	-	-	-	-	-	-
Total	1	3	4	1	1	2	1	-	1	5	5	10	-	1	1	1	-	1

Includes "North" and "South."

Norwegians, Danes, and Swedes.

Includes Bohemian, Bosnian, Croatian, Dalmatian, Herzegovinian, Montenegrin, Moravian, Polish, Ruthenian, Servian, Slovak, Slovenian.

TABLE 8. *Age of First Admissions Classified with Reference to Principal Psychoses*

PSYCHOSES	Total			Under 15 years			15-19 years			20-24 years			25-29 years	
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.
1. Traumatic	2	—	2	—	—	—	—	—	—	—	—	—	—	—
2. Senile	23	22	45	—	—	—	—	—	—	—	—	—	—	—
3. With cerebral arteriosclerosis	34	25	59	—	—	—	—	—	—	—	—	—	—	—
4. General paralysis	16	2	18	—	—	—	—	—	—	—	—	—	—	—
5. With cerebral syphilis	1	1	2	—	—	—	—	—	—	—	—	—	—	—
6. With Huntington's chorea	—	—	—	—	—	—	—	—	—	—	—	—	—	—
7. With brain tumor	—	1	1	—	—	—	—	—	—	—	—	—	—	—
8. With other brain or nervous diseases	2	2	4	—	—	—	—	—	—	—	1	1	—	—
9. Alcoholic	18	3	21	—	—	—	—	—	—	—	—	—	1	—
10. Due to drugs and other exogenous toxins	—	1	1	—	—	—	—	—	—	—	—	—	—	—
11. With pellagra	1	—	1	—	—	—	—	—	—	—	—	—	—	—
12. With other somatic diseases	5	9	14	—	—	—	—	1	1	—	—	—	—	1
13. Manic-depressive	11	17	28	—	—	—	—	2	2	—	1	1	—	—
14. Involution melancholia	4	14	18	—	—	—	—	—	—	—	—	—	—	—
15. Dementia praecox	42	52	94	—	—	—	10	4	14	10	8	18	5	6
16. Paranoia and paranoid conditions	1	17	18	—	—	—	—	—	—	—	—	—	—	—
17. Epileptic psychoses	1	3	4	—	—	—	—	—	—	—	—	—	—	—
18. Psychoneuroses and neuroses	1	1	2	—	—	—	—	—	—	—	—	—	—	—
19. With psychopathic personality	1	—	1	—	—	—	1	—	1	—	—	—	—	—
20. With mental deficiency	5	5	10	—	—	—	1	1	2	1	1	2	1	—
21. Undiagnosed psychoses	—	1	1	—	—	—	—	—	—	—	—	—	—	—
22. Without psychoses	1	—	1	—	—	—	1	—	1	—	—	—	—	—
Total	169	176	345	—	—	—	13	8	21	11	11	22	7	7

TABLE 8. *Age of First Admissions Classified with Reference to Principal Psychoses — Continued*

PSYCHOSES	30-34 years			35-39 years			40-44 years			45-49 years			50-54 years	
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.
1. Traumatic	1	—	1	—	—	—	—	—	—	—	—	—	—	—
2. Senile	—	—	—	—	—	—	—	—	—	—	—	—	—	—
3. With cerebral arteriosclerosis	—	—	—	—	—	—	—	—	—	1	2	3	2	1
4. General paralysis	1	—	1	1	—	1	5	—	5	4	2	6	3	—
5. With cerebral syphilis	—	—	—	—	—	—	—	—	—	—	—	—	—	1
6. With Huntington's chorea	—	—	—	—	—	—	—	—	—	—	—	—	—	—
7. With brain tumor	—	—	—	—	1	1	—	—	—	—	—	—	—	—
8. With other brain or nervous diseases	—	—	—	—	—	—	—	1	1	—	—	—	1	—
9. Alcoholic	1	—	1	2	—	2	4	—	4	5	1	6	2	1
10. Due to drugs and other exogenous toxins	—	—	—	—	—	—	—	—	—	—	—	—	—	1
11. With pellagra	—	—	—	—	—	—	—	—	—	—	—	—	—	—
12. With other somatic diseases	—	—	—	—	2	2	—	1	1	—	—	—	2	1
13. Manic-depressive	—	3	3	2	5	7	3	4	7	2	1	3	1	1
14. Involution melancholia	—	—	—	—	1	1	—	2	2	—	1	1	—	1
15. Dementia praecox	8	10	18	7	5	12	—	7	7	2	7	9	—	1
16. Paranoia and paranoid conditions	1	—	1	—	1	1	—	2	2	—	3	3	—	3
17. Epileptic psychoses	1	—	1	—	1	1	—	—	—	—	1	1	—	1
18. Psychoneuroses and neuroses	1	—	1	—	—	—	—	—	—	—	—	—	—	1
19. With psychopathic personality	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20. With mental deficiency	1	—	1	—	1	1	—	—	—	1	1	2	—	—
21. Undiagnosed psychoses	—	—	—	—	—	—	—	—	—	—	1	1	—	—
22. Without psychosis	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	15	13	28	12	17	29	12	17	29	15	20	35	11	13

TABLE 8. *Age of First Admissions Classified with Reference to Principal Psychoses — Concluded*

PSYCHOSES	55-59 years			60-64 years			65-69 years			70 years and over		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Traumatic	—	—	—	—	—	—	1	—	1	—	—	—
Senile	—	3	3	1	1	2	2	—	2	20	18	38
With cerebral arteriosclerosis	8	1	9	4	5	9	3	5	8	16	11	27
General paralysis	1	—	1	1	—	1	—	—	—	—	—	—
With cerebral syphilis	1	—	1	—	—	—	—	—	—	—	—	—
With Huntington's chorea	—	—	—	—	—	—	—	—	—	—	—	—
With brain tumor	—	—	—	—	—	—	—	—	—	—	—	—
With other brain or nervous diseases	—	—	—	—	—	—	1	—	1	—	—	—
Alcoholic	—	1	1	2	—	2	1	—	1	—	—	—
Due to drugs and other exogenous toxins	—	—	—	—	—	—	—	—	—	—	—	—
With pellagra	1	—	1	—	—	—	—	—	—	—	—	—
With other somatic diseases	2	1	3	1	1	2	—	1	1	—	—	—
Manic-depressive	—	—	—	3	—	3	—	—	—	—	—	—
Involution melancholia	3	5	8	1	4	5	—	—	—	—	—	—
Dementia praecox	—	2	2	—	2	2	—	—	—	—	—	—
Paranoia and paranoid conditions	—	4	4	—	2	2	—	2	2	—	—	—
Epileptic psychoses	—	—	—	—	—	—	—	—	—	—	—	—
Psychoneuroses and neuroses	—	—	—	—	—	—	—	—	—	—	—	—
With psychopathic personality	—	—	—	—	—	—	—	—	—	—	—	—
With mental deficiency	—	—	—	—	—	—	—	1	1	—	—	—
Undiagnosed psychoses	—	—	—	—	—	—	—	—	—	—	—	—
Without psychosis	—	—	—	—	—	—	—	—	—	—	—	—
Total	16	17	33	13	15	28	8	9	17	36	29	65

TABLE 9. Degree of Education of First Admissions Classified with Reference to Principal Psychoses

PSYCHOSES	Total			Illiterate		Reads and writes ¹		Common School		High School		College		Unascertained
	M.	F.	T.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
1. Traumatic	2	—	2	—	—	1	—	1	—	—	—	—	—	—
2. Senile	23	22	45	2	1	4	2	12	13	—	—	—	—	—
3. With cerebral arteriosclerosis	34	25	59	4	3	4	1	21	17	2	2	1	4	8
4. General paralysis	16	2	18	4	—	2	1	7	38	2	3	—	1	4
5. With cerebral syphilis	1	1	2	1	—	—	—	—	—	2	1	—	1	2
6. With Huntington's chorea	—	—	—	—	—	—	—	—	—	—	—	—	—	—
7. With brain tumor	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8. With other brain or nervous diseases	2	2	4	1	—	—	—	—	—	—	—	—	—	—
9. Alcoholic	18	3	21	2	—	2	2	11	1	2	—	1	—	—
10. Due to drugs and other exogenous toxins	—	1	1	—	—	—	—	—	—	—	—	—	—	—
11. With pellaagra	—	—	—	—	—	—	—	—	—	—	—	—	—	—
12. With other somatic diseases	5	9	14	—	1	1	—	—	7	1	—	—	—	—
13. Manic-depressive	11	17	28	1	2	2	1	6	11	2	1	—	—	—
14. Involution melancholia	4	14	18	—	—	1	1	2	10	1	3	—	—	—
15. Dementia praecox	42	52	94	3	7	2	9	28	23	7	4	2	4	2
16. Paranoia and paranoid conditions	1	17	18	—	1	2	2	1	13	—	—	—	—	—
17. Epileptic psychoses	1	3	4	—	1	—	—	—	2	—	—	—	—	—
18. Psychoneuroses and neuroses	1	2	3	—	—	—	—	—	1	—	—	—	—	—
19. With psychopathic personality	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20. With mental deficiency	5	5	10	2	—	—	—	—	3	—	—	—	—	1
21. Undiagnosed psychoses	—	1	1	—	1	—	1	—	—	—	—	—	—	—
22. Without psychosis	1	—	1	—	—	—	—	—	—	—	—	—	—	—
Total	169	176	345	20	17	19	20	99	106	19	20	6	5	6 8 14

¹Includes those who did not complete fourth grade in school.

TABLE 10. *Environment of First Admissions Classified with Reference to Principal Psychoses*

PSYCHOSES	Total			Urban			Rural		
	M.	F.	T.	M.	F.	T.	M.	F.	T.
Automatic	2	—	2	2	—	2	—	—	—
Epileptic	23	22	45	21	21	42	2	1	3
With cerebral arteriosclerosis	34	25	59	30	22	52	4	3	7
General paralysis	16	2	18	14	2	16	2	—	2
With cerebral syphilis	1	1	2	1	1	2	—	—	—
With Huntington's chorea	—	—	—	—	—	—	—	—	—
With brain tumor	—	1	1	—	1	1	—	—	—
With other brain or nervous diseases	2	2	4	2	2	4	—	—	—
Alcoholic	18	3	21	15	3	18	3	—	3
Due to drugs and other exogenous toxins	—	1	1	—	1	1	—	—	—
With pellagra	1	—	1	1	—	1	—	—	—
With other somatic diseases	5	9	14	5	8	13	—	1	1
Bipolar manic-depressive	11	17	28	11	15	26	—	2	2
Evolution melancholia	4	14	18	4	12	16	—	2	2
Dementia praecox	42	52	94	38	48	86	4	4	8
Mania and paranoid conditions	1	17	18	1	14	15	—	3	3
Epileptic psychoses	1	3	4	1	3	4	—	—	—
Psychoneuroses and neuroses	1	1	2	1	1	2	—	—	—
With psychopathic personality	1	—	1	1	—	1	—	—	—
With mental deficiency	5	5	10	5	5	10	—	—	—
Undiagnosed psychoses	—	1	1	—	1	1	—	—	—
Without psychosis	1	—	1	1	—	1	—	—	—
Total	169	176	345	154	160	314	15	16	31

TABLE 11. *Economic Condition of First Admissions Classified with Reference to Principal Psychoses*

PSYCHOSES	Total			Dependent			Marginal			Comfortable			Unascertained		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Automatic	2	—	2	—	—	—	2	—	2	—	—	—	—	—	—
Epileptic	23	22	45	21	8	29	2	13	15	—	—	—	—	1	1
With cerebral arteriosclerosis	34	25	59	18	6	24	15	18	33	1	1	2	—	—	—
General paralysis	16	2	18	7	—	7	9	2	11	—	—	—	—	—	—
With cerebral syphilis	1	1	2	1	—	1	—	1	1	—	—	—	—	—	—
With Huntington's chorea	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
With brain tumor	—	1	1	—	—	—	—	1	1	—	—	—	—	—	—
With other brain or nervous diseases	2	2	4	2	1	3	—	1	1	—	—	—	—	—	—
Alcoholic	18	3	21	5	1	6	13	2	15	—	—	—	—	—	—
Due to drugs and other exogenous toxins	—	1	1	—	—	—	—	1	1	—	—	—	—	—	—
With pellagra	1	—	1	1	—	1	—	—	—	—	—	—	—	—	—
With other somatic diseases	5	9	14	3	1	4	2	8	10	—	—	—	—	—	—
Bipolar manic-depressive	11	17	28	2	4	6	9	13	22	—	—	—	—	—	—
Evolution melancholia	4	14	18	1	1	2	3	13	16	—	—	—	—	—	—
Dementia praecox	42	52	94	21	11	32	20	40	60	—	1	1	1	—	1
Mania and paranoid conditions	1	17	18	—	1	1	1	16	17	—	—	—	—	—	—
Epileptic psychoses	1	3	4	1	2	3	—	1	1	—	—	—	—	—	—
Psychoneuroses and neuroses	1	1	2	—	—	—	1	1	2	—	—	—	—	—	—
With psychopathic personality	1	—	1	—	—	—	1	—	1	—	—	—	—	—	—
With mental deficiency	5	5	10	3	2	5	2	3	5	—	—	—	—	—	—
Undiagnosed psychoses	—	1	1	—	—	—	—	1	1	—	—	—	—	—	—
Without psychosis	1	—	1	—	—	—	1	—	1	—	—	—	—	—	—
Total	169	176	345	86	38	124	81	135	216	1	2	3	1	1	2

TABLE 12. *Use of Alcohol by First Admissions Classified with Reference to Principal Psychoses*

PSYCHOSES	Total			Abstinent			Temperate			Intemperate			Unas- tain
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	
1. Traumatic	2	—	2	—	—	—	1	—	1	1	—	1	—
2. Senile	23	22	45	10	17	27	8	4	12	4	—	4	1 1
3. With cerebral arterio- sclerosis	34	25	59	16	20	36	16	2	18	2	3	5	—
4. General paralysis	16	2	18	7	1	8	4	—	4	5	1	6	—
5. With cerebral syphilis	1	1	2	1	1	2	—	—	—	—	—	—	—
6. With Huntington's chorea	—	—	—	—	—	—	—	—	—	—	—	—	—
7. With brain tumor	—	1	1	—	1	1	—	—	—	—	—	—	—
8. With other brain or nerv- ous diseases	2	2	4	—	2	2	2	—	2	—	—	—	—
9. Alcoholic	18	3	21	—	—	—	—	—	—	18	3	21	—
10. Due to drugs and other ex- ogenous toxins	—	1	1	—	—	—	—	1	1	—	—	—	—
11. With pellagra	1	—	1	1	—	1	—	—	—	—	—	—	—
12. With other somatic diseases	5	9	14	1	9	10	1	—	1	3	—	3	—
13. Manic-depressive	11	17	28	7	17	24	3	—	3	1	—	1	—
14. Involution melancholia	4	14	18	1	14	15	2	—	2	1	—	1	—
15. Dementia praecox	42	52	94	32	48	80	8	4	12	2	—	2	—
16. Paranoia and paranoid conditions	1	17	18	—	16	16	1	1	2	—	—	—	—
17. Epileptic psychoses	1	3	4	1	3	4	—	—	—	—	—	—	—
18. Psychoneuroses and neu- roses	1	1	2	1	1	2	—	—	—	—	—	—	—
19. With psychopathic per- sonality	1	—	1	—	—	—	1	—	1	—	—	—	—
20. With mental deficiency	5	5	10	5	4	9	—	1	1	—	—	—	—
21. Undiagnosed psychoses	—	1	1	—	—	—	—	1	1	—	—	—	—
22. Without psychosis	1	—	1	—	—	—	1	—	1	—	—	—	—
Total	169	176	345	83	154	237	48	14	62	37	7	44	1 1

TABLE 13. Marital Condition of First Admissions Classified with Reference to Principal Psychoses

PSYCHOSES	Total			Single		Married		Widowed		Separated		Divorced	
	M.		T.	M. F.		M. F.		M. F.		M. F.		M. F.	
	F.	T.		T.	T.	T.	T.	T.	T.	T.	T.	T.	T.
1. Traumatic	2	2		—	—	1	—	1	—	—	—	—	—
2. Senile	23	45		7	3	5	10	11	13	—	—	—	—
3. With cerebral arteriosclerosis	34	59		4	—	18	29	10	14	—	—	—	—
4. General paralysis	16	2		2	—	12	2	1	—	1	—	—	—
5. With cerebral syphilis	1	1		—	—	1	1	—	—	—	—	—	—
6. With Huntington's Chorea	—	—		—	—	—	—	—	—	—	—	—	—
7. With brain tumor	—	1		—	—	—	—	—	—	—	—	—	—
8. With other brain or nervous diseases	2	2		—	—	—	—	—	—	—	—	—	—
9. Alcoholic	18	21		7	—	10	11	1	2	—	—	—	—
10. Due to drugs and other exogenous toxins	—	1		—	—	—	—	—	—	—	—	—	—
11. With pellagra	—	1		—	—	—	—	—	—	—	—	—	—
12. With other somatic diseases	5	9		—	—	—	—	—	—	—	—	—	—
13. Manic-depressive	11	17		2	2	4	7	1	—	—	—	—	—
14. Involution melancholia	4	14		1	4	2	8	1	2	—	—	—	—
15. Dementia praecox	42	94		32	26	9	33	—	2	—	—	—	—
16. Paranoia and paranoid conditions	1	17		1	1	—	12	—	2	—	—	—	—
17. Epileptic psychoses	1	3		1	2	—	1	—	—	—	—	—	—
18. Psychoneuroses and neuroses	1	2		1	1	—	—	—	—	—	—	—	—
19. With psychopathic personality	1	1		1	—	—	—	—	—	—	—	—	—
20. With mental deficiency	5	10		4	4	1	—	—	—	—	—	—	—
21. Undiagnosed psychoses	—	1		—	—	—	—	—	—	—	—	—	—
22. Without psychosis	1	1		1	—	—	—	—	—	—	—	—	—
Total	169	345		65	48	73	88	27	35	2	—	2	5
				113	62	161		62		2	—	7	

TABLE 14. Psychoses of Readmissions

PSYCHOSES	Males	Females	T
1. Traumatic psychoses	-	-	-
2. Senile psychoses	-	2	2
3. Psychoses with cerebral arteriosclerosis	3	7	10
4. General paralysis	2	1	3
5. Psychoses with cerebral syphilis	-	-	-
6. Psychoses with Huntington's chorea	-	-	-
7. Psychoses with brain tumor	-	-	-
8. Psychoses with other brain or nervous diseases	-	-	-
9. Alcoholic psychoses	4	-	4
10. Psychoses due to drugs and other exogenous toxins	-	-	-
11. Psychoses with pellagra	-	-	-
12. Psychoses with other somatic diseases	-	1	1
13. Manic-depressive psychoses	13	14	27
14. Involution melancholia	2	2	4
15. Dementia praecox	19	19	38
16. Paranoia and paranoid conditions	2	-	2
17. Epileptic psychoses	-	2	2
18. Psychoneuroses and neuroses	-	1	1
19. Psychoses with psychopathic personality	-	1	1
20. Psychoses with mental deficiency	1	3	4
21. Undiagnosed psychoses	-	1	1
22. Without psychoses	-	-	-
Total.	46	54	100

TABLE 15. Discharges of Patients Classified with Reference to Principal Psychosis and Condition on Discharge

PSYCHOSES	Total			Recovered			Improved			Unimproved	
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.
1. Traumatic	1	-	1	-	-	-	1	-	1	-	-
2. Senile	1	2	3	-	-	-	1	1	2	-	1
3. With cerebral arteriosclerosis	7	12	19	1	1	2	5	10	15	1	1
4. General paralysis	6	1	7	-	-	-	6	-	6	-	-
5. With cerebral syphilis	-	-	-	-	-	-	-	-	-	-	-
6. With Huntington's chorea	-	-	-	-	-	-	-	-	-	-	-
7. With brain tumor	-	-	-	-	-	-	-	-	-	-	-
8. With other brain or nervous diseases	2	1	3	-	1	1	2	-	2	-	-
9. Alcoholic	20	4	24	6	2	8	14	2	16	-	-
10. Due to drugs and other exogenous toxins	-	-	-	-	-	-	-	-	-	-	-
11. With pellagra	-	-	-	-	-	-	-	-	-	-	-
12. With other somatic diseases	-	4	4	-	3	3	-	1	1	-	-
13. Manic-depressive	13	19	32	7	16	23	6	3	9	-	-
14. Involution melancholia	4	9	13	2	5	7	1	3	4	1	1
15. Dementia praecox	31	51	82	5	9	14	26	37	63	-	5
16. Paranoia and paranoid conditions	2	7	9	-	1	1	2	4	6	-	2
17. Epileptic psychoses	1	-	1	-	-	-	1	-	1	-	-
18. Psychoneuroses and neuroses	1	3	4	-	-	-	1	3	4	-	-
19. With psychopathic personality	1	1	2	1	1	2	-	-	-	-	-
20. With mental deficiency	1	2	3	-	-	-	1	2	3	-	-
21. Undiagnosed psychoses	-	-	-	-	-	-	-	-	-	-	-
22. Without psychosis	1	-	1	-	-	-	-	-	-	-	-
Total	92	116	208	22	39	61	67	66	133	2	11

CAUSES OF DEATH	Total			Senile			With cerebral arterio-sclerosis			General paralysis			Alcoholic			Manic-depressive		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
<i>Epidemic, Endemic and Infectious Diseases</i>																		
Tuberculosis of the respiratory system	6	5	11	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-
Syphilis (non-nervous forms)	-	1	1	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-
Furulent infection, septicaemia	-	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1
<i>General Diseases not Included in Class I</i>																		
Cancer and other malignant tumors	2	2	4	-	1	1	1	-	1	-	-	-	-	-	-	-	-	-
Tumors (non-cancerous)	-	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pellagra	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Alcoholism (acute or chronic)	1	-	1	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-
Other general diseases	5	3	8	-	1	1	1	1	-	-	-	-	-	-	-	-	-	-
<i>Diseases of the Nervous System</i>																		
Cerebral hemorrhage, apoplexy	2	1	3	-	-	-	1	-	1	-	-	-	-	-	-	-	1	1
General paralysis of the insane	18	2	20	-	-	-	-	-	-	18	2	20	-	-	-	-	-	-
Epilepsy	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other diseases of the nervous system	-	1	1	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-
<i>Diseases of the Circulatory System</i>																		
Pericarditis	1	-	1	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-
Endocarditis and myocarditis	23	19	42	8	4	12	11	9	20	-	-	-	-	-	-	-	1	1
Arteriosclerosis	14	3	17	3	-	3	7	1	8	-	-	-	1	1	2	1	-	1
Other diseases of the circulatory system	1	2	3	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
<i>Diseases of the Respiratory System</i>																		
Bronchopneumonia	18	26	44	7	16	23	5	10	15	-	-	-	3	-	3	2	-	2
Lobar pneumonia	3	-	3	1	-	1	-	-	-	-	-	-	1	-	1	-	-	-
<i>Diseases of the Digestive System</i>																		
Diseases of the pharynx and tonsils	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diarrhea and enteritis	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other diseases of digestive system (cancer and tuberculosis excepted)	-	1	1	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
<i>Non-Veneral Diseases of Genito-Urinary System and Annexa</i>																		
Nephritis	3	1	4	1	-	1	1	1	2	-	-	-	-	-	-	-	-	-
Other diseases of kidneys and annexa	-	1	1	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
Diseases of prostate	1	-	1	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-
<i>Diseases of the Skin and of the Cellular Tissue</i>																		
Other diseases of skin and annexa	2	-	2	-	-	-	-	-	-	-	-	-	-	-	-	2	-	2
<i>External Causes</i>																		
Suicide	1	-	1	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-
Accidental traumatism	1	4	5	1	2	3	-	1	1	-	-	-	-	-	-	-	1	1
Other external causes	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	104	79	183	21	25	46	28	25	53	19	2	21	8	2	10	5	4	9

TABLE 16. Causes of Death of Patients Classified with Reference to Principal Psychoses — Concluded.

CAUSES OF DEATH	Involution melancholia			Dementia praecox			Paranoia and paranoid conditions			Epileptic psychoses			Psycho-neuroses and neuroses			With mental deficiency			All other psychoses		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.			
<i>Epidemic, Endemic and Infectious Diseases</i> Tuberculosis of the respiratory system Syphilis (non-nervous forms) Purulent infection, septicaemia <i>General Diseases not Included in Class I</i> Cancer and other malignant tumors Tumor (non-cancerous) Pellagra Alcoholism (acute or chronic) Other general diseases <i>Diseases of Nervous System</i> Cerebral hemorrhage, apoplexy General paralysis of the insane Epilepsy Other diseases of the nervous system <i>Diseases of the Circulatory System</i> Pericarditis Endocarditis and myocarditis Arteriosclerosis Other diseases of the circulatory system <i>Diseases of the Respiratory System</i> Bronchopneumonia Lobar pneumonia <i>Diseases of the Digestive System</i> Diseases of the pharynx and tonsils Diarrhea and enteritis Other diseases of digestive system (cancer and tuberculosis excepted) <i>Non-Veneral Diseases of Genito-Urinary System and Annera</i> Nephritis Other diseases of kidneys and annexa Diseases of prostate <i>Diseases of the Sktn and of the Cellular Tissue</i> Other diseases of skin and annexa <i>External Causes</i> Suicide Accidental traumatism Other external causes Total																					
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.			
	—	—	—	5	4	9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
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—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
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—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
—	—	—	—	—	—	—	—	—	—	—											

TABLE 17. Age of Patients at Time of Death Classified Reference with Principal Psychoses

PSYCHOSES	Total			Under 15 years	15-19 years	20-24 years	25-29 years	30-34 years	35-39 years
	M.	F.	T.						
1. Traumatic	-	-	-	-	-	-	-	-	-
2. Senile	21	25	46	-	-	-	-	-	-
3. With cerebral arteriosclerosis	28	25	53	-	-	-	-	-	-
4. General paralysis	19	2	21	1	-	1	-	-	3
5. With cerebral syphilis	-	-	-	-	-	-	-	-	-
6. With Huntington's chorea	-	-	-	-	-	-	-	-	-
7. With brain tumor	-	1	1	-	-	-	-	-	1
8. With other brain or nervous diseases	3	1	4	-	-	-	-	-	-
9. Alcoholic	8	2	10	-	-	-	-	-	1
10. Due to drugs and other exogenous toxins	-	-	-	-	-	-	-	-	-
11. With pellagra	1	-	1	-	-	-	-	-	-
12. With other somatic diseases	4	2	6	-	-	-	-	-	1
13. Manic-depressive	5	4	9	-	-	-	-	-	2
14. Involution melancholia	1	4	5	-	-	-	-	-	-
15. Dementia praecox	12	9	21	-	-	1	2	-	-
16. Paranoia and paranoid conditions	-	1	1	-	-	-	-	-	-
17. Epileptic psychoses	-	-	-	-	-	-	1	1	-
18. Psychoneuroses and neuroses	-	1	1	-	-	-	-	-	-
19. With psychopathic personality	-	-	-	-	-	-	-	-	-
20. With mental deficiency	1	-	1	-	-	-	-	-	-
21. Undiagnosed psychoses	1	1	2	-	-	-	-	-	-
22. Without psychosis	-	-	-	-	-	-	-	-	-
Total	104	79	183	1	-	2	2	1	5
				1	-	-	3	-	8

TABLE 17. Age of Patients at Time of Death Classified with Reference to Principal Psychoses — Concluded.

PSYCHOSES	40-44 years		45-49 years		50-54 years		55-59 years		60-64 years		65-69 years		70 years and over	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
1. Traumatic	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2. Senile	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3. With cerebral arteriosclerosis	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4. General paralysis	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5. With cerebral syphilis	7	-	2	-	2	-	3	-	1	-	-	-	-	-
6. With Huntington's chorea	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7. With brain tumor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8. With other brain or nervous diseases	-	-	1	-	1	-	-	-	-	-	1	-	-	-
9. Alcoholic	1	-	-	-	-	-	-	-	-	-	2	-	4	-
10. Due to drugs and other exogenous toxins	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11. With pellagra	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12. With other somatic diseases	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13. Manic-depressive	-	-	1	-	-	-	2	-	1	-	-	-	-	-
14. Involution melancholia	-	-	-	-	-	-	1	-	-	-	-	-	-	-
15. Dementia praecox	-	-	-	-	-	-	1	-	-	-	-	-	-	-
16. Paranoia and paranoid conditions	1	1	1	1	2	2	-	-	-	-	-	-	-	-
17. Epileptic psychoses	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18. Psychoneuroses and neuroses	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19. Wit	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20. With mental deficiency	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21. Undiagnosed psychoses	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22. Without psychosis	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	9	1	5	2	6	7	13	8	9	12	12	6	40	39
		10	7	13	21	21	18	18	21	18	18	18	79	79

PSYCHOSES	Total			Less than 1 month	1-3 months	4-7 months	8-12 months	1-2 years	3-4 years
	M.	F.	T.						
1. Traumatic	—	—	—	—	—	—	—	—	—
2. Senile	21	25	46	—	5	5	—	—	—
3. With cerebral arteriosclerosis	28	25	53	4	7	3	4	6	4
4. General paralysis	19	2	21	9	10	4	7	9	5
5. With cerebral syphilis	—	—	—	4	2	—	1	4	2
6. With Huntington's chorea	—	—	—	—	—	—	—	—	—
7. With brain tumor	—	1	1	—	—	—	—	—	—
8. With other brain or nervous diseases	3	1	4	—	1	—	—	1	—
9. Alcoholic	8	2	10	1	1	1	—	1	2
10. Due to drugs and other exogenous toxins	—	—	—	—	—	—	—	—	—
11. With pellagra	1	—	1	—	1	—	—	—	—
12. With other somatic diseases	4	2	6	1	2	—	—	—	—
13. Manic-depressive	5	4	9	—	1	1	1	1	2
14. Involution melancholia	1	4	5	—	1	—	—	1	3
15. Dementia praecox	12	9	21	1	1	1	—	3	1
16. Paranoia and paranoid conditions	—	1	1	—	1	—	—	—	2
17. Epileptic psychoses	—	1	1	—	—	—	—	—	3
18. Psychoneuroses and neuroses	—	1	1	—	—	—	—	1	—
19. With psychopathic personality	—	—	—	—	—	—	—	—	—
20. With mental deficiency	1	—	1	—	—	—	—	—	—
21. Undiagnosed psychoses	1	1	2	1	—	—	—	—	—
22. Without psychosis	—	—	—	—	—	—	—	—	—
Total.	104	79	183	21	21	8	11	16	9
				37	30	19	12	31	19

TABLE 18. *Total Duration of Hospital Life of Patients Dying in Hospital Classified According to Principal Psychoses — Concluded*

PSYCHOSES	5-6 years			7-8 years			9-10 years			11-12 years			13-14 years			15-19 years			20 years and over		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2. Senile	1	-	1	1	-	1	-	-	-	1	1	-	-	-	1	-	-	-	-	-	-
3. With cerebral arteriosclerosis	1	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1
4. General paralysis	2	1	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5. With cerebral syphilis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6. With Huntington's chorea	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7. With brain tumor	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8. With other brain or nervous diseases	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9. Alcoholic	-	-	-	-	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	2	-
10. Due to drugs and other exogenous toxins	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11. With pellagra	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12. With other somatic diseases	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13. Manic-depressive	1	-	1	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2
14. Involution melancholia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15. Dementia praecox	2	1	3	-	1	1	-	-	-	-	-	-	-	-	-	1	2	3	-	5	2
16. Paranoia and paranoid conditions	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17. Epileptic psychoses	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18. Psychoneuroses and neuroses	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19. With psychopathic personality	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20. With mental deficiency	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-
21. Undiagnosed psychoses	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22. Without psychosis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	8	3	11	2	3	5	-	2	2	2	-	2	2	1	2	3	8	4	12	-	-

TABLE 19. *Family Care Department*

	Male	Female	Total
Remaining in Family Care, October 1, 1930	—	4	4
Admitted from Family Care, October 1, 1930	—	—	—
Discharged during year	—	2	2
The number of cases within the year	—	6	6
Dismissed within the year	—	1	1
Returned to institution	—	—	—
Recharged	—	—	—
Admitted	—	1	1
Visit	—	—	—
Remaining in Family Care, September 30, 1931	—	5	5
Admitted by the State	—	1	1
Rate	—	—	—
Non-supporting	—	4	4
Number of different persons within the year	—	3	3
Number of different persons dismissed	—	1	1
Number of different persons admitted	—	2	2
Average daily number in Family Care during the year	—	4.8712	4.8712
Admitted by the State	—	.2739	.2739
Rate	—	—	—
Non-supporting	—	1.0959	1.0959

